

1 Claim:

- 1 1. A system for secure transmission of data from a facility to a centralized
2 host server for remote viewing from a personal computer, said system
3 comprising:
4 a camera device;
5 an uploader device configured to acquire information from said camera
6 device, said uploader device configured to automatically transmit information
7 over a network;
8 said host server configured to communicate with a plurality of said
9 uploader devices through said network; and,
10 said personal computer configured to communicate with said host
11 server.
2. The system of claim 1 wherein said camera device is a digital camera.
3. The system of claim 1 wherein said network is at least one of a public, packet-switched Internet and an Ethernet.
4. The system of claim 1 wherein said information includes text and images of a patient.
5. The system of claim 4 wherein said images of patient include at least one of radiological images, x-rays, MR images, CT images, direct pictures of patient pathology, lab data, EKG data, documents and images capable of being photographed by a camera.
6. The system of claim 1 wherein said host server requests a user identification and password from said personal computer, said user identification and password being identical when accessing any of said information.

7. The system of claim 1 wherein said host server is configured to automatically transmit to said facility a list of new passwords upon a request by said uploader device.

8. The system of claim 1 wherein said password is at least one of a temporary password and temporary-permanent password.

9. The system of claim 1 wherein said facility is at least one of a hospital, clinic, emergency room, film room, x-ray facility, medical office and sports facility.

10. The system of claim 1 wherein said host server is configured to construct and transmit to said personal computer a web page containing a list of available medical facilities and a list of patient images from each of said medical facilities.

11. The system of claim 1 wherein said uploader device is removably connected to said camera device.

12. A method for securely transmitting data acquired by a camera device to a centralized host server for remote viewing from a personal computer, said method comprising:
acquiring and digitizing images using said camera device;
transmitting images to an uploader device;
transmitting said images to said host server via a network;
assembling a web page, including said images, at said host server in response to a request from said personal computer; and,
transmitting said web page to said personal computer.

13. The method of claim 12 wherein said step of transmitting images to said host server includes:

3 entering text including at least one of patient name and patient history
4 into said uploader device;
5 requesting a transfer of images;
6 counting said images;
7 compressing said images if image file is greater than a predetermined
8 threshold;
9 generating thumbnail image representations of said images;
10 populating a data file including said images, thumbnail image
11 representations and associated text entries at said uploader device;
12 establishing a network connection;
13 transmitting data file to said host server; and,
14 terminating said network connection.

1 14. The method of claim 12 wherein said steps of assembling a web page
2 and transmitting said web page to said personal computer include:
3 establishing a network connection at said personal computer;
4 entering host server network address at said personal computer;
5 transmitting list of medical facilities from said host server to said
6 personal computer;
7 selecting a medical facility at said personal computer;
8 validating user identification and password entered at said personal
9 computer;
10 accessing, at said host server, patient folders associated with said
11 selected medical facility;
12 populating, at said host server, an HTML web page with said patient
13 folders;
14 transmitting said HTML web page from said host server to said personal
15 computer;
16 selecting, at said personal computer, one of said patient folders in said
17 HTML web page, ; and,
18 transmitting said selected one of said patient folders to said personal
19 computer, wherein said patient folder includes said images.

- 1 15. The method of claim 12 further comprising the steps of:
- 2 a) requesting, at said uploader device, temporary-permanent
- 3 passwords for a particular medical facility for users of said personal
- 4 computers;
- 5 b) distributing said temporary-permanent passwords to said users;
- 6 c) requesting, at said personal computer, entry of said temporary-
- 7 permanent password;
- 8 d) requesting entry, at said personal computer, of a new password;
- 9 f) replacing said temporary-permanent password with said new
- 10 password;
- 11 g) repeating steps (a) - (f) for a different medical facility such that
- 12 said new password is identical for each of said medical facility.

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